

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	REV. DCN 32852	03/05	VMJ

MATERIALS:

INSULATORS: PTFE PER ASTM D1710, TYPE 1
GRADE 1, CLASS B.

BODIES: BRASS PER ASTM B16,
ALLOY UNS C36000, H02

CONTACT: BERYLLIUM COPPER PER ASTM B196,
ALLOY C17300, COND. TD04

SHRINK TUBING: POLYOLEFIN PER SAE-DTL-23053/5-105-0

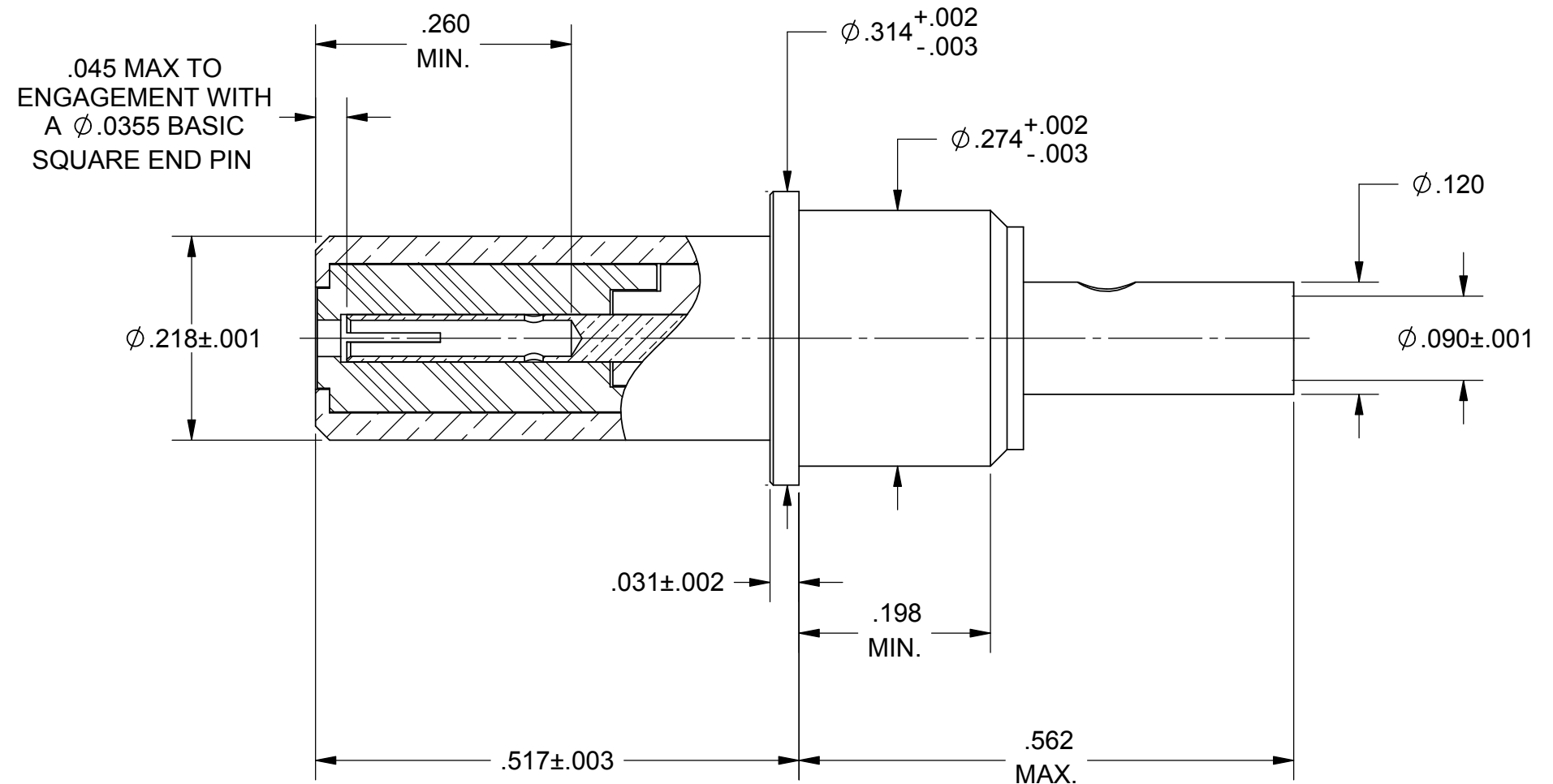
FINISHES:

BODIES &
CONTACT: GOLD PER ASTM B488, TYPE II,
GRADE C, CLASS 1.27 OVER NICKEL
PER AMS-QQ-N-290 CLASS 1, .00005" MIN.

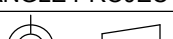
ELECTRICAL:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 3 GHz
INSUL. RES.: 5,000 MEGOHMS MIN.
D.W.V: 1,000 VRMS MIN.
VSWR: $1.20 + .04 \times F$ IN GHz
INSERTION LOSS: $.11 \times \text{SQUARE ROOT OF } F(\text{GHz})$

(MAX FREQ. CAN BE LIMITED BY CABLE)



**REF. AS39029/60 &
MIL-DTL-38999 SERIES III**

MATERIAL:	SEE ABOVE	DIMENSIONS ARE IN INCHES TOLERANCES:	UNLESS OTHERWISE SPECIFIED	SV Microwave, Inc.	
FINISH:	SEE ABOVE	FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'	1) ALL DIMENSIONS ARE AFTER PLATING. 2) BREAK CORNERS & EDGES .005 R. MAX. 3) CHAM. 1ST & LAST THREADS. 4) SURFACE ROUGHNESS 63 √ MIL-STD-10. 5) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 6) REMOVE ALL BURRS	2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
		DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005		TITLE: SIZE 8 PIN FOR T-FLEX 405 CABLE	
PROPRIETARY		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	DRAWN: VMJ 02/01/05	SIZE CAGE CODE DWG. NO.	
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			APPROVED: JMC 02/03/05	SCALE: 6:1	
			E.M. SIMULATION: N/A	SHEET 1 OF 1	

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